

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| L1    | 1    | ("20020195201").PN.  | US-PGPUB;<br>USPAT                               | OR               | OFF     | 2005/12/21 13:17 |
| L21   | 48   | 118/715-733.cds. and seasoning   | US-PGPUB;<br>USPAT                               | OR               | ON      | 2005/12/21 15:23 |
| L22   | 17   | 118/715-733.cds. and (seasoning with wall)   | US-PGPUB;<br>USPAT                               | OR               | ON      | 2005/12/21 15:23 |
| L30   | 9    | ("6045620").URPN.  | USPAT  | OR               | ON      | 2005/12/21 15:33 |
| L31   | 19   | ("4116419"   "4257447"   "4534389"   "4616683"   "4674939"   "4724874"   "4917556"   "5020776"   "5076205"   "5143348"   "5286296"   "5478195"   "5601686"   "5640751"   "5653565"   "5655277"   "5695564"   "5730801"   "5746434").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                     | OR               | ON      | 2005/12/21 16:29 |
| L32   | 7    | ("5640751").URPN.  | USPAT  | OR               | ON      | 2005/12/21 16:15 |
| L33   | 0    | ("2004/0182324").URPN.   | USPAT  | OR               | ON      | 2005/12/21 16:15 |
| L34   | 1    | ("5223113").PN.  | US-PGPUB;<br>USPAT                               | OR               | OFF     | 2005/12/21 16:29 |
| L35   | 12   | ("5223113").URPN.  | USPAT  | OR               | ON      | 2005/12/21 16:29 |
| L36   | 11   | ("4473437"   "4491496"   "4816638"   "4817558"   "4838978"   "4878995"   "4886565"   "4931135"   "4943361"   "5078851"   "5085750").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                     | OR               | ON      | 2005/12/21 16:36 |
| L37   | 42   | ("20020185067" "20020195201" "3618919" "4289061" "4438724" "4545136" "4948979" "4949669" "5076205" "5172849" "5223113" "5364219" "5445491" "5562800" "5592581" "5626936" "5640751" "5693288" "5746434" "5769952" "5820461" "5827370" "5997588" "6045620" "6089543" "6174366" "6178660" "6192827" "6193802" "6194628" "6197119" "6200415" "6255222" "6263829" "6280584" "6309161" "6347918" "6506254" "6541353" "6562141" "6602346" "6638672").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                     | OR               | ON      | 2005/12/21 16:36 |
| L38   | 3    | ("6602346").URPN.  | USPAT  | OR               | ON      | 2005/12/21 16:56 |
| L39   | 1    | ("5997588").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                     | OR               | ON      | 2005/12/21 16:56 |
| L40   | 70   | (US-20020008534-\$ or US-20020195201-\$ or US-20030159780-\$ or US-20040123953-\$ or US-20040144315-\$ or US-20040182315-\$ or US-20040182324-\$ or US-20040182417-\$ or US-20040184792-\$ or US-20040185670-\$ or US-20040255861-\$).did. or (US-3575397-\$ or US-3618919-\$ or US-3759662-\$ or US-3900282-\$ or US-3978815-\$ or US-4243310-\$ or US-4395021-\$ or US-4427378-\$ or US-4438724-\$ or US-4459823-\$ or US-4480585-\$ or US-4622918-\$ or US-4692115-\$ or US-4721424-\$ or US-4787844-\$ or US-4951603-\$ or US-4997364-\$ or US-5002009-\$ or US-5016561-\$ or US-5031571-\$ or US-5103745-\$ or US-5121705-\$ or US-5151303-\$ or US-5172849-\$ or US-5256061-\$ or US-5266116-\$).did. or (US-5286296-\$ or US-5294572-\$ or US-5415729-\$ or US-5424039-\$ or US-5601686-\$ or US-5693288-\$ or US-5769629-\$ or US-5834739-\$ or US-5950328-\$ or US-5951770-\$ or US-6045620-\$ or US-6106631-\$ or US-6198074-\$ or US-6284006-\$ or US-6313444-\$ or US-6338626-\$ or US-6468353-\$ or US-6503079-\$ or US-6575737-\$ or US-6740195-\$ or US-6800172-\$ or US-5640751-\$ or US-5223113-\$ or US-6089543-\$ or US-6602346-\$).did. or (US-2925062-\$).did. or (JP-01319675-\$ or JP-03045807-\$ or JP-62147726-\$).did. or (JP-62050473-\$ or DE-4011079-\$ or JP-05149433-\$ or JP-06093342-\$).did. | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR               | ON      | 2005/12/21 17:12 |
| L41   | 0    | 40 and welch.in.   | US-PGPUB;<br>USPAT                               | OR               | ON      | 2005/12/21 17:13 |
| L42   | 0    | 118/719.ccls. and welch.in.  | US-PGPUB;<br>USPAT                               | OR               | ON      | 2005/12/21 17:13 |

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| L43 | 92   | passageway and welch.in.  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/12/21 17:14 |
| L44 | 23   | passageway and welch.in. and (wafer substrate)  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/12/21 17:14 |
| L45 | 13   | ("3690037"   "3935950"   "4458582"   "4632624"   "5194793"<br>  "5223123"   "5334922"   "5592581"   "5613821"  <br>"5844195"   "5846332"   "6074518"   "6111225").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/12/21 18:35 |
| L46 | 0    | 34 and ((double dual) with valve)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/12/21 18:35 |
| L47 | 2749 | ((156/345.31) or (156/345.32) or (414/939) or (414/935) or<br>(118/719)).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/12/21 18:35 |
| L48 | 40   | L47 and ((double dual) with valve)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/12/21 18:41 |
| L49 | 1    | ("6647918").PN.   | US-PGPUB;<br>USPAT           | OR | OFF | 2005/12/21 18:41 |
| L50 | 13   | ("3690037"   "3935950"   "4458582"   "4632624"   "5194793"<br>  "5223123"   "5334922"   "5592581"   "5613821"  <br>"5844195"   "5846332"   "6074518"   "6111225").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/12/21 18:41 |
| L51 | 19   | ("5592581").URPN.   | USPAT                        | OR | ON  | 2005/12/21 18:43 |
| L52 | 46   | ("20020185067"   "20020195201"   "3618919"   "4289061"  <br>"4438724"   "4545136"   "4871417"   "4948979"   "4949669"<br>  "5076205"   "5172849"   "5223113"   "5364219"  <br>"5445491"   "5562800"   "5592581"   "5626936"   "5640751"<br>  "5693288"   "5746434"   "5769952"   "5820641"  <br>"5827370"   "5940684"   "5997588"   "6016611"   "6045620"<br>  "6089543"   "6174366"   "6178660"   "6192827"  <br>"6193802"   "6194628"   "6197119"   "6200415"   "6255222"<br>  "6263829"   "6280584"   "6309161"   "6347918"  <br>"6506254"   "6541353"   "6562141"   "6602346"   "6638672"<br>  "6673196").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/12/21 18:46 |
| L53 | 6    | ("3690037"   "5223123"   "5592581"   "5613821"   "5844195"<br>  "5846332").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/12/21 18:48 |
| L54 | 9    | ("6192827").URPN.   | USPAT                        | OR | ON  | 2005/12/21 19:31 |
| L55 | 0    | "20030159780"   | USPAT                        | OR | ON  | 2005/12/21 19:32 |
| L56 | 1    | "20030159780"   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/12/21 19:32 |

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| L57 | 76   | (US-20020008534-\$ or US-20020195201-\$ or US-20030159780-\$ or US-20040123953-\$ or US-20040144315-\$ or US-20040182315-\$ or US-20040182324-\$ or US-20040182417-\$ or US-20040184792-\$ or US-20040185670-\$ or US-20040255861-\$).did. or (US-3575397-\$ or US-3618919-\$ or US-3759662-\$ or US-3900282-\$ or US-3978815-\$ or US-4243310-\$ or US-4395021-\$ or US-4427378-\$ or US-4438724-\$ or US-4459823-\$ or US-4480585-\$ or US-4622918-\$ or US-4692115-\$ or US-4721424-\$ or US-4787844-\$ or US-4951603-\$ or US-4997364-\$ or US-5002009-\$ or US-5016561-\$ or US-5031571-\$ or US-5103745-\$ or US-5121705-\$ or US-5151303-\$ or US-5172849-\$ or US-5256061-\$ or US-5266116-\$).did. or (US-5286296-\$ or US-5294572-\$ or US-5415729-\$ or US-5424039-\$ or US-5601686-\$ or US-5693288-\$ or US-5769629-\$ or US-5834739-\$ or US-5950328-\$ or US-5951770-\$ or US-6045620-\$ or US-6106631-\$ or US-6198074-\$ or US-6284006-\$ or US-6313444-\$ or US-6338626-\$ or US-6468353-\$ or US-6503079-\$ or US-6575737-\$ or US-6740195-\$ or US-6800172-\$ or US-5640751-\$ or US-5223113-\$ or US-6089543-\$ or US-6602346-\$ or US-6647918-\$ or US-5139459-\$).did. or (US-6814813-\$ or US-4871417-\$ or US-6192827-\$ or US-6889627-\$).did. or (US-2925062-\$).did. or (JP-01319675-\$ or JP-03045807-\$ or JP-62147726-\$).did. or (JP-62050473-\$ or DE-4011079-\$ or JP-05149433-\$ or JP-06093342-\$).did. | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON  | 2005/12/21 20:00 |
| L58 | 11   | 57 and (polytetrafluoroethylene "ptfe" teflon)  | US-PGPUB;<br>USPAT                               | OR | ON  | 2005/12/21 20:01 |
| L59 | 0    | 57 and (polytetrafluoroethylene "ptfe" teflon) and delrin   | US-PGPUB;<br>USPAT                               | OR | ON  | 2005/12/21 20:03 |
| L60 | 3    | 57 and delrin   | US-PGPUB;<br>USPAT                               | OR | ON  | 2005/12/21 20:01 |
| L61 | 0    | 57 and (polytetrafluoroethylene "ptfe" teflon) same delrin  | US-PGPUB;<br>USPAT                               | OR | ON  | 2005/12/21 20:03 |
| L62 | 1439 | (polytetrafluoroethylene "ptfe" teflon) same delrin   | US-PGPUB;<br>USPAT                               | OR | ON  | 2005/12/21 20:03 |
| L63 | 100  | (polytetrafluoroethylene "ptfe" teflon) same delrin same insulat\$4   | US-PGPUB;<br>USPAT                               | OR | ON  | 2005/12/21 20:03 |
| L64 | 57   | (polytetrafluoroethylene "ptfe" teflon) with delrin with insulat\$4   | US-PGPUB;<br>USPAT                               | OR | ON  | 2005/12/21 20:35 |
| L65 | 1    | 64 and 47   | US-PGPUB;<br>USPAT                               | OR | ON  | 2005/12/21 20:04 |
| L66 | 8    | 64 and ((118/715-733.ccls. 156/345.\$ccls.)   | US-PGPUB;<br>USPAT                               | OR | ON  | 2005/12/21 20:04 |
| L67 | 2    | (polytetrafluoroethylene "ptfe" teflon) and delrin and insulat\$4   | EPO; JPO;<br>DERWENT                             | OR | ON  | 2005/12/21 20:42 |
| S1  | 397  | ((118/733).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR                     | OR | OFF | 2003/04/10 10:38 |
| S2  | 1240 | ((118/719).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR                     | OR | OFF | 2003/04/08 12:53 |
| S3  | 140  | ((118/733).CCLS.) and ((118/719).CCLS.)   | US-PGPUB;<br>USPAT                               | OR | ON  | 2003/04/08 12:56 |
| S4  | 1978 | ((156/345.31) or (156/345.32) or (414/939) or (414/935) or (118/719)).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR                     | OR | OFF | 2003/04/08 12:56 |
| S5  | 0    | ((118/733).CCLS.) and "4."  | US-PGPUB;<br>USPAT                               | OR | ON  | 2003/04/08 12:56 |
| S6  | 154  | ((118/733).CCLS.) and (((156/345.31) or (156/345.32) or (414/939) or (414/935) or (118/719)).CCLS.)   | US-PGPUB;<br>USPAT                               | OR | ON  | 2003/04/08 14:01 |

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| S7  | 13   | "4622918".URPN.  | USPAT                  | OR | ON  | 2003/04/08 13:12 |
| S8  | 10   | ("3192845"   "3588176"   "3731823"   "3734567"   "3976330"   "3999806"   "4278366"   "4403002"   "4480777"   "4544446").PN.  | USPAT                  | OR | ON  | 2003/04/08 13:15 |
| S9  | 3    | steel with isolat\$3 with chamber with vacuum  | EPO; JPO; DERWENT      | OR | ON  | 2003/04/08 14:03 |
| S10 | 13   | steel with isolat\$3 with chamber with vacuum  | US-PGPUB; USPAT        | OR | ON  | 2003/04/08 14:03 |
| S11 | 3    | (steel with isolat\$3) same (chamber with vacuum)  | EPO; JPO; DERWENT      | OR | ON  | 2003/04/08 14:04 |
| S12 | 30   | (steel with isolat\$3) same (chamber with vacuum)  | US-PGPUB; USPAT        | OR | ON  | 2003/04/08 14:09 |
| S13 | 405  | (steel with (thermal\$3 heat temperature)) same (chamber with vacuum)  | US-PGPUB; USPAT        | OR | ON  | 2003/04/08 14:11 |
| S14 | 345  | (steel with (seal\$3 separat\$3 )) same (chamber with vacuum)  | US-PGPUB; USPAT        | OR | ON  | 2003/04/08 15:09 |
| S15 | 55   | (steel with (thermal\$3 heat temperature)) same (chamber with vacuum) same (transfer\$3 transport\$3)  | US-PGPUB; USPAT        | OR | ON  | 2003/04/08 15:02 |
| S16 | 15   | (steel with (thermal\$3 heat temperature)) same (chamber with vacuum) same (transfer\$3 transport\$3) same (semiconductor substrate wafer)   | US-PGPUB; USPAT        | OR | ON  | 2003/04/08 15:05 |
| S17 | 8    | (steel with (seal\$3 separat\$3 )) same (chamber with vacuum) same (substrate wafer semiconductor)   | EPO; JPO; DERWENT      | OR | ON  | 2003/04/08 15:12 |
| S18 | 49   | (steel with (seal\$3 separat\$3 )) same (chamber with vacuum) same (substrate wafer semiconductor)   | US-PGPUB; USPAT        | OR | ON  | 2003/04/08 15:38 |
| S19 | 22   | "5121705".URPN.  | USPAT                  | OR | ON  | 2003/04/08 15:35 |
| S20 | 482  | (thermal\$3) with (isolat\$3 separat\$3 seal\$3 close\$3 prevent\$3) with (steel) with (interface face plate surface)  | US-PGPUB; USPAT        | OR | ON  | 2003/04/08 15:41 |
| S21 | 34   | ((thermal\$3) with (isolat\$3 separat\$3 seal\$3 close\$3 prevent\$3) with (steel) with (interface face plate surface) ) same chamber  | US-PGPUB; USPAT        | OR | ON  | 2003/04/08 15:53 |
| S22 | 14   | ((thermal\$3) with (isolat\$3 separat\$3 seal\$3 close\$3 prevent\$3) with (steel) with (interface face plate surface) ) same chamber  | EPO; JPO; DERWENT      | OR | ON  | 2003/04/08 15:59 |
| S23 | 612  | ( (isolat\$3 separat\$3 seal\$3 close\$3 prevent\$3) with (steel) with (interface face plate surface) ) same chamber   | EPO; JPO; DERWENT      | OR | ON  | 2003/04/08 16:01 |
| S24 | 717  | ( (isolat\$3 separat\$3 seal\$3 close\$3 prevent\$3) with (steel) with (interface face plate surface) ) and (chamber apparatus) and (heat\$3 temperature thermal\$3)               | EPO; JPO; DERWENT      | OR | ON  | 2003/04/08 16:05 |
| S25 | 345  | ( (isolat\$3 separat\$3 seal\$3 close\$3 prevent\$3) with (steel) with (interface face plate surface) ) same (chamber apparatus) same (heat\$3 temperature thermal\$3)             | EPO; JPO; DERWENT      | OR | ON  | 2003/04/08 16:06 |
| S26 | 120  | ( (isolat\$3 separat\$3 seal\$3 close\$3 prevent\$3) with (steel) with (interface face plate surface) ) same (chamber apparatus) same (heat\$3 temperature thermal\$3) same vacuum | US-PGPUB; USPAT        | OR | ON  | 2003/04/08 16:10 |
| S27 | 39   | ( (isolat\$3 separat\$3 seal\$3 close\$3 prevent\$3) with (steel) with (interface face plate surface) ) same (chamber apparatus) same (heat\$3 temperature thermal\$3) same vacuum | EPO; JPO; DERWENT      | OR | ON  | 2003/04/08 16:15 |
| S28 | 848  | (34/242).CCLS.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/04/08 16:27 |
| S29 | 26   | ((34/242).CCLS.) and ((thermal\$3 heat temperature) with steel)  | US-PGPUB; USPAT        | OR | ON  | 2003/04/08 16:20 |
| S30 | 67   | (34/209).CCLS.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/04/08 16:40 |
| S31 | 1067 | (34/92).CCLS.  | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/04/08 16:40 |

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| S32 | 0   | (423/242).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2003/04/08 16:40 |
| S33 | 284 | (432/242).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2003/04/08 16:57 |
| S34 | 36  | ((432/242).CCLS.) and (stainless with steel)  | US-PGPUB;<br>USPAT           | OR | ON  | 2003/04/08 16:41 |
| S35 | 48  | ((432/242).CCLS.) and (vacuum)  | US-PGPUB;<br>USPAT           | OR | ON  | 2003/04/08 16:41 |
| S36 | 20  | ((((432/242).CCLS.) and (stainless with steel)) and (((432/242).CCLS.) and (vacuum)))   | US-PGPUB;<br>USPAT           | OR | ON  | 2003/04/08 16:58 |
| S37 | 3   | "3759662".URPN.   | USPAT                        | OR | ON  | 2003/04/08 16:44 |
| S38 | 264 | ((432/242).CCLS.) not (((432/242).CCLS.) and (stainless with steel)) and (((432/242).CCLS.) and (vacuum)))  | US-PGPUB;<br>USPAT           | OR | ON  | 2003/04/08 17:33 |
| S39 | 16  | ((((432/242).CCLS.) and (stainless with steel)) not (((432/242).CCLS.) and (stainless with steel)) and (((432/242).CCLS.) and (vacuum)))  | US-PGPUB;<br>USPAT           | OR | ON  | 2003/04/08 17:22 |
| S40 | 248 | ((432/242).CCLS.) not (((((432/242).CCLS.) and (stainless with steel)) and (((432/242).CCLS.) and (vacuum))) (((432/242).CCLS.) and (stainless with steel)) not (((432/242).CCLS.) and (stainless with steel)) and (((432/242).CCLS.) and (vacuum)))))) | US-PGPUB;<br>USPAT           | OR | ON  | 2003/04/08 17:32 |
| S41 | 0   | ((432/242).CCLS.) and cluster   | US-PGPUB;<br>USPAT           | OR | ON  | 2003/04/08 17:33 |
| S42 | 0   | ((432/242).CCLS.) and 118/719.ccls.   | US-PGPUB;<br>USPAT           | OR | ON  | 2003/04/08 17:34 |
| S43 | 0   | ((432/242).CCLS.) and (156/345.31 156/345.32)   | US-PGPUB;<br>USPAT           | OR | ON  | 2003/04/09 15:33 |
| S44 | 27  | ((432/242).CCLS.) and "414"/\$.ccls.  | US-PGPUB;<br>USPAT           | OR | ON  | 2003/04/08 17:34 |
| S45 | 1   | ("4997364").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2003/04/09 14:40 |
| S46 | 10  | "4997364".URPN.   | USPAT                        | OR | ON  | 2003/04/09 14:40 |
| S47 | 1   | "5512320".PN.   | USPAT                        | OR | OFF | 2003/04/09 15:19 |
| S48 | 0   | "6338626".pn. and steel   | US-PGPUB;<br>USPAT           | OR | ON  | 2003/04/09 15:21 |
| S49 | 1   | "6338626".pn.   | US-PGPUB;<br>USPAT           | OR | ON  | 2003/04/09 15:21 |
| S50 | 42  | (118/719.CCLS. 156/345.31.ccls. 156/345.32.ccls.) and ((heat\$3 temperature heat) with shield\$3 with chamber)  | US-PGPUB;<br>USPAT           | OR | ON  | 2003/04/09 17:14 |
| S51 | 2   | "62147726"  | JPO;<br>DERWENT              | OR | ON  | 2003/04/09 16:39 |
| S52 | 1   | ("5601686").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2003/04/09 16:46 |
| S53 | 4   | "5601686".URPN.   | USPAT                        | OR | ON  | 2003/04/09 16:40 |
| S54 | 1   | ("5562800").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2003/04/09 16:51 |
| S55 | 6   | "5562800".URPN.   | USPAT                        | OR | ON  | 2003/04/09 16:47 |
| S56 | 756 | stainless with steel with interface   | US-PGPUB;<br>USPAT           | OR | ON  | 2003/04/09 16:51 |
| S57 | 5   | stainless with steel with interface with chamber with (thermal heat temperature)  | US-PGPUB;<br>USPAT           | OR | ON  | 2003/04/09 16:53 |
| S58 | 0   | "20020195201".URPN.   | USPAT                        | OR | ON  | 2003/04/09 16:53 |

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| S59 | 1662  | (isolat\$3) with chamber with ( heat\$3)  | US-PGPUB;<br>USPAT           | OR | ON  | 2003/04/09 16:54 |
| S60 | 699   | (isolat\$3) with chamber with ( heat\$3)  | EPO; JPO;<br>DERWENT         | OR | ON  | 2003/04/09 16:54 |
| S61 | 8     | (isolat\$3) with chamber with ( heat\$3) with (stainless steel)   | EPO; JPO;<br>DERWENT         | OR | ON  | 2003/04/09 16:55 |
| S62 | 125   | (isolat\$3) with chamber with ( heat\$3) with (vacuum)  | US-PGPUB;<br>USPAT           | OR | ON  | 2003/04/09 16:55 |
| S63 | 8     | (isolat\$3) with chamber with ( heat\$3) with (stainless steel)   | EPO; JPO;<br>DERWENT         | OR | ON  | 2003/04/09 16:55 |
| S64 | 17    | (isolat\$3) with chamber with ( heat\$3) with (stainless steel)   | US-PGPUB;<br>USPAT           | OR | ON  | 2003/04/09 16:55 |
| S65 | 69    | (isolat\$3) with chamber with ( heat\$3) with (vacuum)  | EPO; JPO;<br>DERWENT         | OR | ON  | 2003/04/09 17:04 |
| S66 | 69    | (isolat\$3) with chamber with ( heat\$3) with (vacuum) with<br>(substrate wafer vacuum)   | EPO; JPO;<br>DERWENT         | OR | ON  | 2003/04/09 17:05 |
| S67 | 8     | (118/719.CCLS. 156/345.31.ccls. 156/345.32.ccls.) and<br>((heat\$3 temperature heat) with (improv\$3) with vacuum with<br>chamber)  | US-PGPUB;<br>USPAT           | OR | ON  | 2003/04/09 17:16 |
| S68 | 0     | (118/719.CCLS. 156/345.31.ccls. 156/345.32.ccls.) and<br>((heat\$3 temperature heat) with (fast3) with vacuum with<br>chamber)      | US-PGPUB;<br>USPAT           | OR | ON  | 2003/04/09 17:16 |
| S69 | 0     | (118/719.CCLS. 156/345.31.ccls. 156/345.32.ccls.) and<br>((heat\$3 temperature heat) with (efficient3) with vacuum with<br>chamber) | US-PGPUB;<br>USPAT           | OR | ON  | 2003/04/09 17:16 |
| S70 | 4     | (118/719.CCLS. 156/345.31.ccls. 156/345.32.ccls.) and<br>((heat\$3 temperature heat) with (quick\$3) with vacuum with<br>chamber)   | US-PGPUB;<br>USPAT           | OR | ON  | 2003/04/09 17:17 |
| S71 | 1     | ("5980991").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2003/04/09 17:19 |
| S72 | 1     | ("5121705").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2003/04/09 17:21 |
| S73 | 4     | ("4640223"   "4962726"   "4989540"   "5058526").PN.   | USPAT                        | OR | ON  | 2003/04/09 17:21 |
| S74 | 51    | 118/719.ccls. and ( heat\$3 with vacuum with (transfer\$3<br>transport\$3))   | US-PGPUB;<br>USPAT           | OR | ON  | 2003/04/10 10:53 |
| S75 | 39    | 118/719.ccls. and ( heat\$3 with vacuum with (transfer\$3<br>transport\$3) with chamber)  | US-PGPUB;<br>USPAT           | OR | ON  | 2003/04/10 10:59 |
| S76 | 2     | ((("5294572") or ("6284006"))).PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2003/08/01 13:06 |
| S77 | 2     | 09/891,784  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/03/25 16:42 |
| S78 | 15    | "6198074"   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/03/25 15:35 |
| S79 | 2     | 09/891,784  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/03/25 16:41 |
| S80 | 44935 | ((thermal\$4 temperature) with (prevent\$4 stop\$4 isolat\$4)<br>with (surface interface connect\$4 coupl\$4 seal\$4))              | US-PGPUB;<br>USPAT           | OR | ON  | 2005/03/25 16:42 |
| S81 | 2174  | 118/719.ccls. 118/718.ccls. 156/345.31.ccls. 156/345.32.ccls.   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/03/25 16:43 |
| S82 | 207   | 204/298.35.ccls.  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/03/25 16:44 |
| S83 | 439   | 204/298.23  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/03/25 16:45 |
| S84 | 119   | S80 and S81   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/03/25 17:01 |

|     |    |   |                      |    |    |                  |
|-----|----|---|----------------------|----|----|------------------|
| S85 | 54 | 118/719.cds. and ((transfer\$4 adj chamber) with heat\$3)   | US-PGPUB;<br>USPAT   | OR | ON | 2005/03/25 17:11 |
| S86 | 42 | carpenter.in. and interfacial   | US-PGPUB;<br>USPAT   | OR | ON | 2005/03/25 17:23 |
| S87 | 12 | ("20010016226" "20020028555" "20020063110" "5282925" "5838055" "5876879" "6071815" "6074951" "6198074" "6245619" "6271094" "6335261").PN. | US-PGPUB;<br>USPAT   | OR | ON | 2005/03/25 17:23 |
| S88 | 5  | wallace-jay.in. hamelin-thomas.in.  | US-PGPUB;<br>USPAT   | OR | ON | 2005/03/25 17:37 |
| S89 | 5  | wallace-jay.in. hamelin-thomas.in.  | EPO; JPO;<br>DERWENT | OR | ON | 2005/03/25 17:37 |